

INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY East Germany

REPORT

SUBJECT Landing Craft under Construction
at VEB Peenewerft Wolgast

DATE DISTR. 20 NOV 1962

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NO. PAGES 3

REFERENCES RD

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DATE OF INFO.

PLACE & DATE ACQ

THIS IS UNEVALUATED INFORMATION.

It has been known for some time that VEB Peenewerft Wolgast builds landing craft. A detailed description is given of two designs: For photographs and schematic sketches see Attachments.

1. Type LABO 100

Loading capacity: 100 t, e.g. three T-34 tanks

Displacement: 250 t (estimated)

Length: about 35 m

Breadth: about 7.5 m

Draft (actual dimension): 1.5 m

Draft (theoretical dimension): 1.2 m

Propulsion: either 4 x 400 HP Diesel from the Soviet Union
or 4 x 120 HP Diesel from Dieselmotorenwerk Rostock

4 screw propellers, 4 rudders

The exhaust is aft above the waterline

Speed: 9 - 10 kts.

Armament: Either 2 AA-twin machine guns, 12.7 mm, in open revolving turrets or 2 twin guns, 25 mm, fore-end of the armored cupola arranged on port and starboard.

The armored cupola (diameter about 3m, thickness of wall 20 mm) has observation slits and entrance hatches.

Crew: 6 - 8 men

Degaussing system: 1 cable for the cargo hold in the side bunkers,
1 cable for the after body.

Wash down system

Radio installation

No radar installations planned.

Photographs of similar western vessels have reportedly been used for the East German designs.

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STATE	#X	ARMY	#X	NAVY	#X	AIR	#X	NSA	X	OCR	DIA	X

(Note: Washington distribution indicated by "X"; Field distribution by "#")

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Six vessels were to be completed in 1961 and four to six in 1962. The number allegedly was to be increased up to 25 units in the coming years. While the vessels were under construction, various defects became apparent at anchors and landing flaps. The yard management speeded up construction work on the vessels.

2. Type ROBBE

Loading capacity: 180 - 200 tons (estimated) e.g. four T-54-tanks and four 2-axle trucks

Displacement: 500 t

Length: about 42 m

Breadth: about 10 m

Theoretical draft: in the fore part 1.1 m in the aft part 2.2 m

Propulsion: 2 Diesel engines of 200 HP each; reduction gear

Theoretical speed: 14.5 kts

Armament: 2 AA-twin-machine guns, 12.7 mm, in open revolving turrets at the forecandle

Crew: about 36

Degaussing system

Wash down system

Radio installation

No radar equipment

Completion of one vessel was planned for 1961 and at least 5 units were to be completed in 1962.

Comments:

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The recently photographed boat apparently is the first and so far only one of the units to be afloat. She evidently is a LABO 100 type vessel, which, however, differs from the original design. The vessel was scheduled to be handed over to the East German Navy as early as April 1961, but in March 1962, she was still in the trial run stage. At least two other units have been launched. It appears improbable that the East German Navy will have 10 to 12 vessels ready to operate by late 1962.

It is even doubted that the bigger ROBBE-type is already under construction.

Propulsion of LABO 100

A comparison with similar landing boats as well as a mathematical checking showed that 4 x 120 HP engines are sufficient for a speed of 10 kt. A higher speed is unlikely as there is not enough room aboard the vessel to place 4 diesel engines of 400 HP each side by side.

Armament of LABO 100

The vessels are almost certainly equipped with 2 twin guns, of 25 mm, with superposed barrels.

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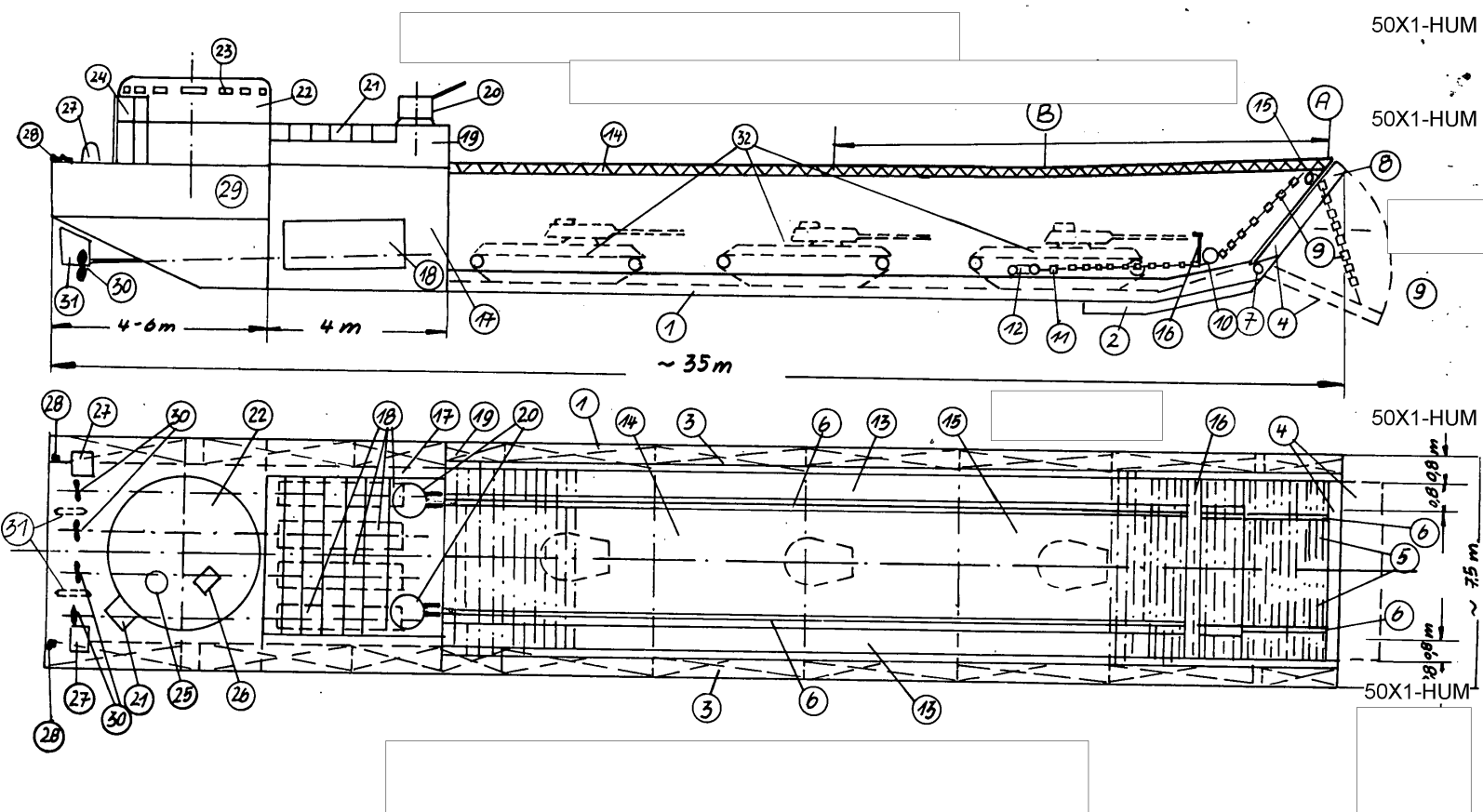
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Attachments:

- A. Sketch of side view and top view of the LABO 100 type landing boat with key [redacted] (2 pages). 50X1-HUM
- B. Sketch with key showing side view, and a plan of storage space of the ROBBE type landing boat (2 pages).
- C. Two photographs and a diagram based on photographic evaluation of a landing boat believed to be type LABO 100, estimated length is approximately 40 m.; estimated width is approximately 9 m. [redacted] 50X1-HUM

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Annex 2

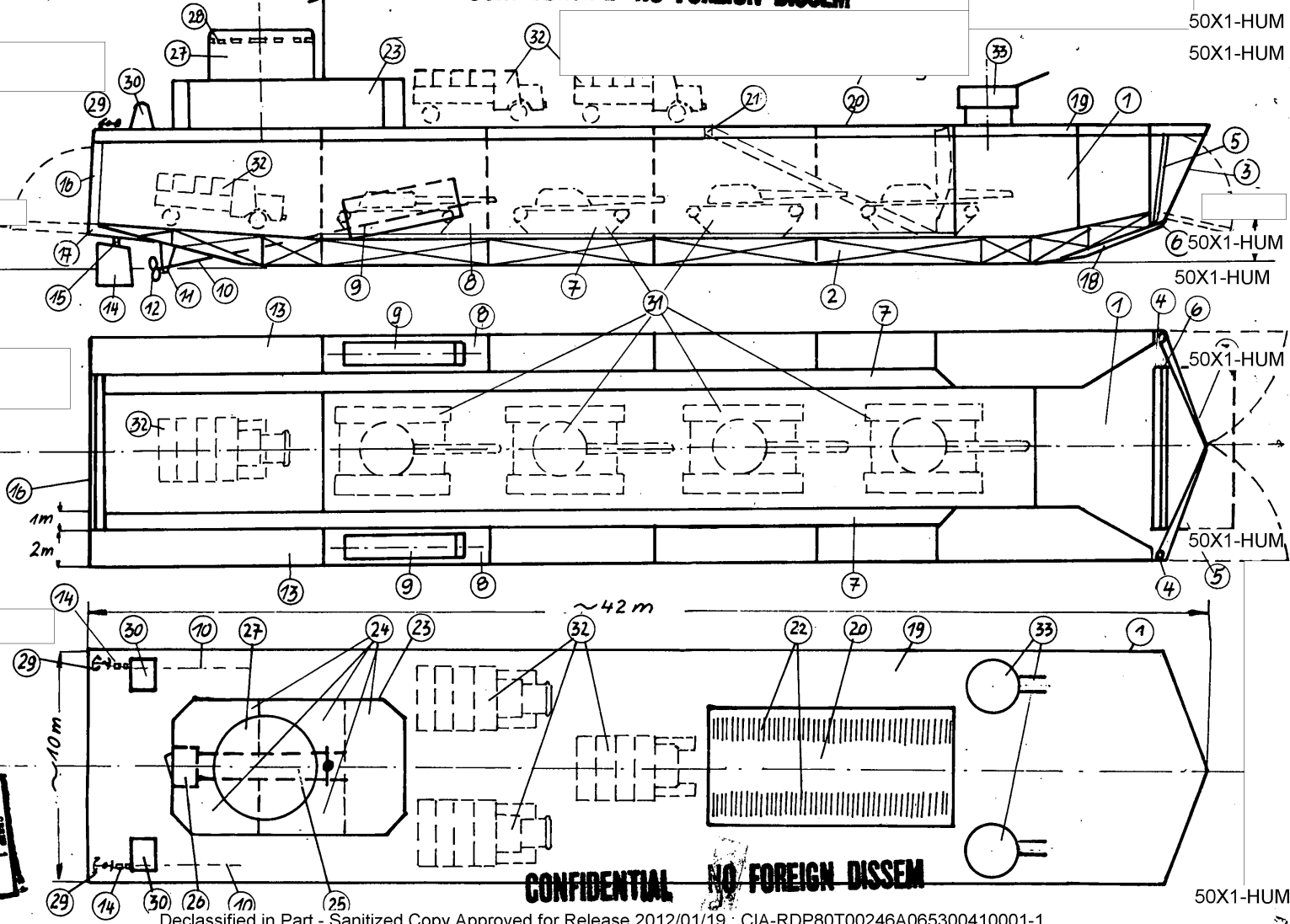
Longitudinal Section and Top View of Landing Craft L&C 100, built by the
Peene-Shipyards at Wolgast.

Serial Number:	Object:
1	Hull
2	Bow reinforcement
3	Side bunker
4	Bow flap
5	Roughening of the tracks on the landing flap (4)
6	Welded-on round iron bars
7	Tracks
8	Hinge of the bow-flap (4)
9	Guide rollers for landing-flap-chains (9)
10	Landing-flap-chains
11	Guide roller for landing-flap-chains (9)
12	Chain sprocket
13	Hydraulic pulley block for the landing-flap-chains (9)
14	Starboard and port runner boards, offering room for about 80 fully equipped soldiers.
15	Solid, rippled tin roof
16	Sliding roof, which can be pushed sternward as far as point B. Removable, watertight bulkhead protecting the inner platform against water penetrating in case the flap is lowered too early (4).
17	Engine room
18	4 main diesel engines of 400 HPs each
19	Superstructure on top of the engine room (17)
20	2 superheavy AA-twin-machine guns in revolving turrets, open at the top; caliber: 12.7 mm
21	Engine casing
22	Armored cupola
23	Observation slits in the armored cupola (22)
24	Entrance hatch of the armored cupola (22)
25	Round hatchway on the top of the armored cupola (22)
26	Rectangular hatchway on top of the armored cupola (22)
27	2 anchor capstans
28	2 stern anchors
29	Living compartment for the crew
30	4 propellers
31	2 rudders
32	Cargo: 3 tanks of type T-34.

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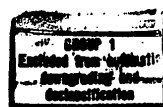
Longitudinal Section, Hold Plan, and Top View of the Landing Craft, Type
 ROBBE, Built at VEB Peene-Shipyard at Wolgast

Sectional
 Number

Object:

- 1 Hull
- 2 Double bottom
- 3 Double-wing bow gate
- 4 Hinges of the bow gate (3)
- 5 Bow flap
- 6 Hinge of the bow flap
- 7 Runner board, offering room for about 100 fully equipped soldiers
- 8 2 engine rooms
- 9 1 main engine of about 1200 HPs each on port and starboard
- 10 2 propeller shafts
- 11 2 propeller shaft struts
- 12 2 propellers
- 13 2 living compartments for the crew
- 14 2 rudders
- 15 2 rudder heads with steering gears
- 16 Stern flap
 By lowering the stern flap of one vessel and lowering the bow flap of the following vessel a landing bridge can be formed, so that the vehicles of the second ship can drive ashore through the unit lying in front.
- 17 Hinge of the stern flap (16)
- 18 Bow reinforcements
- 19 Upper deck
- 20 Upper deck flap with a carrying capacity of 5 tons, operated with chains. It serves as a ramp for the 3 trucks (32), stationed on the upper deck.
- 21 Hinge of the upper deck flap (20)
- 22 Roughening of the tracks on the upper deck flap (20), consisting of welded-on round iron bars.
- 23 Deckhouse
- 24 5 compartments in the deckhouse (23)
- 25 Passageway in the deckhouse (23)
- 26 Vestibule in the deckhouse
- 27 Armored cupola, thickness of the wall: 20 mm
- 28 Observation slits in the armored cupola (27)
- 29 2 stern anchors
- 30 2 anchor capstans
- 31 Cargo: 4 tanks of Type T-54
- 32 Cargo: 4 2-axle trucks
 3 of them on the upper deck.
- 33 2 superheavy AA-twin machine guns in open revolving turrets, Caliber: 12.7 mm

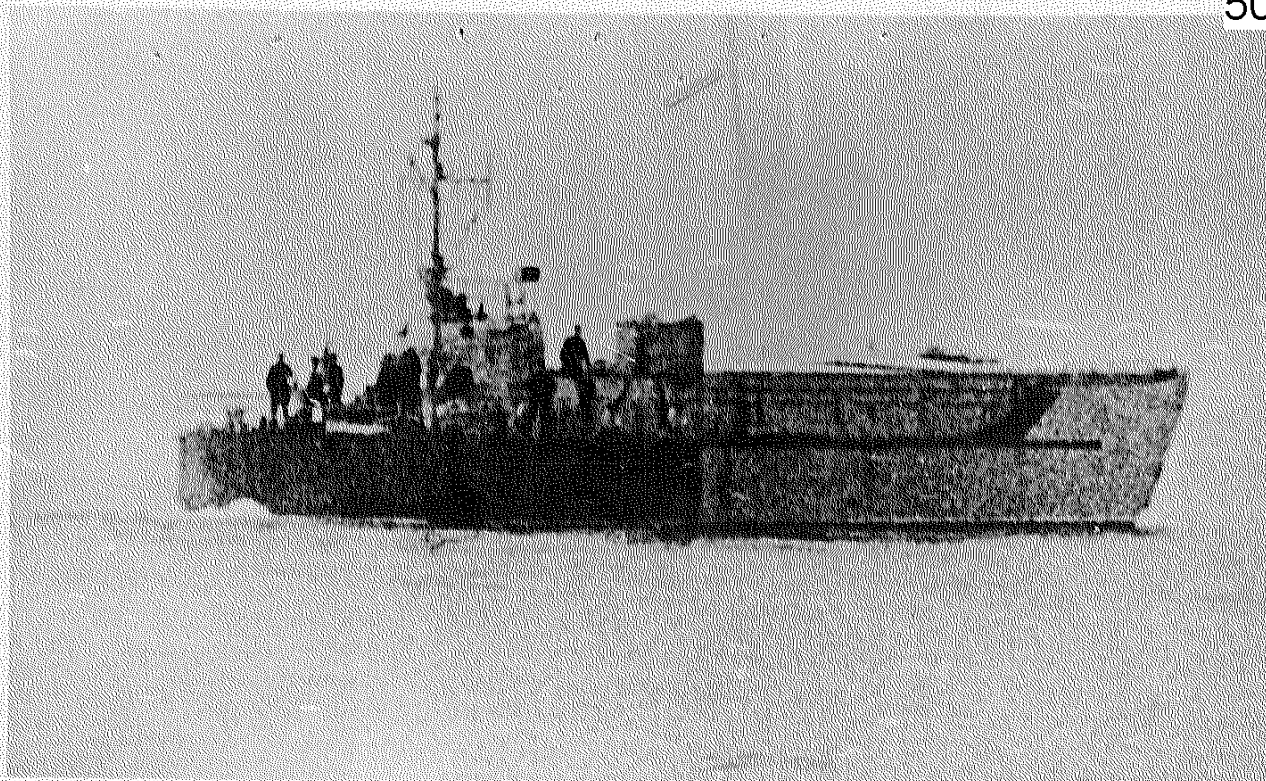
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Q. GERMAN LANDING CRAFT, PROB TYPE LABO 100, UNDER CONSTRUCTION AT VEB PEENEWERFT,
WOLGAST, [REDACTED]

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E. GERMAN LANDING CRAFT, PROB TYPE LABO 100, UNDER CONSTRUCTION AT VEB PEENEWERFT,
WOLGAST. [REDACTED]

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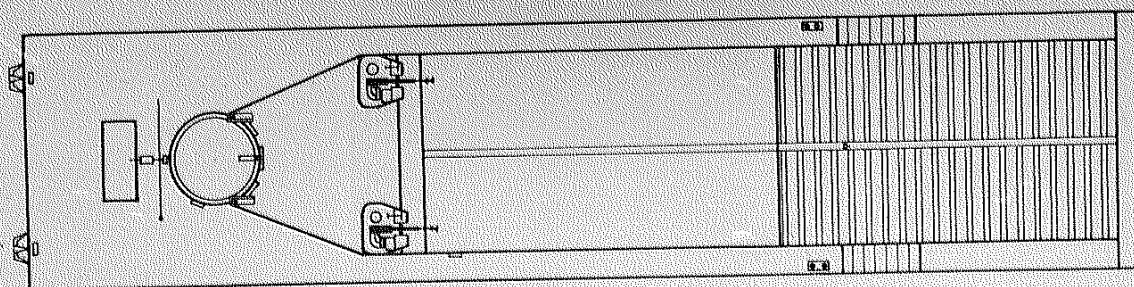
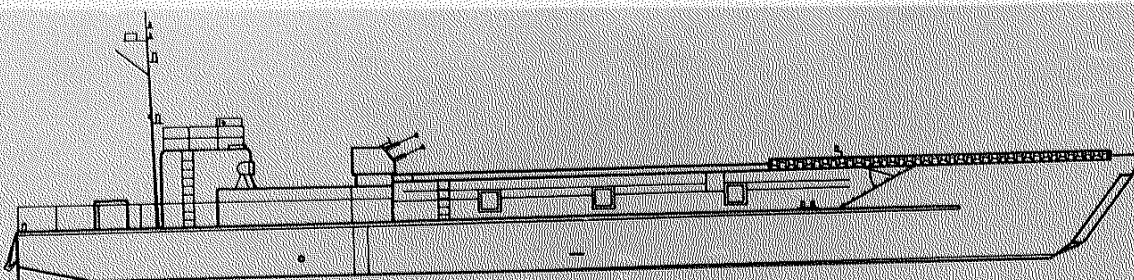


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GERMAN LANDING CRAFT, PROB. TYPE LABO 100, UNDER CONSTRUCTION AT
VER. DEENEWERET, WOLGAST, [REDACTED]



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